No.



9800040

THE UNITED STAYIES OF AMERICA

TO ALL TO WHOM THESE; PRESERTS SHALL COME;
Huidersity of Georgia Research Joundation, Inc. (HGARJ) and
Huidersity of Florida Agricultural Experiment Station (HJALS)

THE COME, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN DUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY ECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (I) SHALL BE SOLD BY VARIETY NAME ONLY AS A CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF 10 MILES AND 12 MENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Fleming'

In Testimonn Marcos. I have hereunto set my hand and caused the seal of the Plans Barrety Protection of the thirtieth day of September, in the year of our Lord one thousand nine hundred and ninety-nine.

Secretary

RollW Schlage

Acting Commissioner Plant Variety Protection Offic

Pariety Protection Office

REPRODUCE LOCALLY. Include form number and date on a U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	u reproductions.	The following statements are m	FORM APPROVED - OMB NO. 0581-6 ade in accordance with the Privacy Ac
SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTE	ECTION OFFICE	1974 (5 U.S.C. 652a) and the P	iperwork Reduction Act (PRA) of 1995
APPLICATION FOR PLANT VARIETY PROTECTION (Instructions and information collection burden statem)		Application is required in order certificate is to be issued (7 U.S. until certificate is issued (7 U.S.)	to determine if a plant variety protect. C. 24211. Information is held confidence. 24261.
1. NAME OF APPLICANT(S) is a it is to appear on the Certificate/		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
University of Georgia Research Founda and University of Florida Agricultura Station(UFAES)		GA 90078-1	Fleming
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Cour	noyi	6. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY
630 Boyd Graduate Studies Research Cer D.W. Brooks Drive Athens, GA 30602-7411	nter, 6th Flr	(706) 542-6512 6. FAX (Include area code) (706) 542-5901	9800040 F DATE N D C (2 109)
7. GENUS AND SPECIES NAME	8. FAMILY NAME (Botani	ce/)	FLING AND EXAMINATION FEE:
Triticum aestivum	Graminea	ae	E 2,450-
. CROP KIND NAME (Common name)			E DATE
Wheat, common			12/11/94
O. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZA"		p, essociation, etc.) (Common name)	C CERTIFICATION FEE:
University of Georgia Research Found	dation, Inc.	12. DATE OF INCORPORATION	E DATE DIVION
Georgia		11/17/78	D DATE 300
NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERV	VE IN THIS APPLICATION A	ND RECEIVE ALL PAPERS	14. TELEPHONE Gradude area code!
CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow in a		NXC Culture will be deposited and maintain	(706) 542-5901
g. Fling and Examination Fee (\$2,450), made payable to "Treasurer of the	United States" (Mail to PVP	o _l	
DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY V. YES #1 "yes," answer items 18 and 19 below!	'ARIETY NAME ONLY, AS A '	CLASS OF CERTIFIED SEED? (See Section item 20)	n 83(a) of the Plant Variety Protection Acti
DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS	S TO NUMBER OF 19. I	F "YES" TO ITEM 18, WHICH CLASSES	OF PRODUCTION BEYOND BREEDER SEED?
₩ YES		TOUNDATION - REGISTERE	· · · · · · · · · · · · · · · · · · ·
HAS THE VARIETY OR A HYBRIO PRODUCED FROM THE VARIETY BEEN RELE. YES 81 "yes," give names of countries and dates)		SALE, OR MARKETED IN THE U.S. OR O	THER COUNTRIES?
The applicant(s) declare that a viable sample of basic seed of the variety will be for	urnished with application and	will be replenished upon request in accor-	dence with such regulations as may be
applicable, or for a tuber propagated variety a tissue culture will be deposited in a The undersigned applicant(s) inface) the owner(s) of this sexually reproduced or tu Section 42, and is antified to protection under the provisions of Section 42 of the Applicant(s) inface) informed that false representation herein can jeopardize protect	a public repository and maint shor propagated plant variety, Plant Variety Protection Act.	ained for the duration of the certificate.	
NATURE OF APPLICANT (Owner(s))		OF APPLICANT (Owner(si)	
		and an area partition shall	
E (Please print or type)	NAME IPlans	e print or typel	
Joe L. Key			And the second s
ACITY OR TITLE	CAPACITY O	R TITLE	DATE
Executive Vice President	0-97	en de la companya de	
1-470 (03-86) (Previous editions are to be destroyed)	San	(See reverse for instructions and in	formation collection burden statement

Origin and Breeding History of Fleming

'Fleming', a soft red winter wheat (Triticum aestivum L.), was cooperatively developed and released by the Georgia and Florida Agricultural Experiment Stations in 1997. Fleming was derived from a cross made in 1990: GA821264-2 * 3/GA72109. GA821264-2 is an experimental line from the cross, 'McNair 3271'/'FL301'//'McNair 1003'/'Coker 916'. GA79102 is an experimental in from the cross 'Blueboy'/'Amigo'. Amigo was released to provide greenbug resistance with the translocation (1A/1R) and was found to possess a powdery mildew gene (Pm17) and a leaf rust gene (Lr24). It was named to honor Dr. A. A. Fleming, the former corn breeder at The University of Georgia. The cultivar was developed using a backcross method of breeding. Fleming was tested as GA90078-1. The BCF1 was grown in the greenhouse during the spring of 1990. Resistant plants to powdery mildew were selected and then, advanced and reselected in the greenhouse from the fall of 1990 and to spring of 1991. The BCF4 seed from an individual plant was increased in Idaho during the summer of 1991. GGA90078-1 was evaluated in 1992 in the advanced nursery. Agronomic evaluations were conducted from 1993 to 1997 in the Small Grain State Performance trials for Georgia. It was also evaluated in 1996 and 1997 in the Uniform Southern Wheat at about 30 locations. Breeder seed, produced in 1997, is in the F10.

Fleming is early maturing, soft red winter wheat. It is a short height at maturity, white-chaffed, awned, and characterized by good straw strength with high yield potential. During 4 yr (3 locations yr-1) in Georgia, Fleming, Morey, 'Andy', and 'GA Stuckey' yielded an average of 3531, 3495, 3493 and 3366 kg/ha-1, respectively. It is about 2 days earlier in maturity and 5 cm shorter than Morey, and has excellent lodging resistance. Milling and baking quality characteristics of Fleming are rated acceptable for soft red winter wheat use by the USDA-Soft Wheat Quality Laboratory, Wooster, Ohio.

Fleming is resistant to the biotypes of Hessian fly (Mayetiola destructor (Say) present in Georgia and Florida, and resistant to current races of leaf rust caused by <u>Puccinia recondita</u> (Rob. Ex Desm.), and powdery mildew caused by <u>Erysiphe graminis</u> DC. f. sp. <u>tritici</u> Em. Marchal.

The cultivar has been observed for six generations in the field. It has proven to be uniform and stable, showing 1% of plants as off type plants, less than 1% taller late plants and less than 1% awnless plants.

Breeder seed of Fleming will be maintained by the Georgia Agricultural Experiment Station, University of Georgia, Georgia Station, Griffin, GA 30223-1797.

Exhibit B

Novelty Statement

Fleming is a soft red winter wheat, awned and white chaffed. It is similar in appearance to Morey which is also awned and white chaffed. Fleming has the translocation (1A/1R) from Amigo but Morey does not have this translocation. Fleming is resistant to biotype B of Hessian fly and susceptible to biotype Great Plains. Fleming is susceptible to races of leaf rust (LBBQ, SBJB AND CBTB) whereas Morey is resistant to these races of leaf rust.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE COMMODITIES SCIENTIFIC SUPPORT DIVISION BELTSVILLE, MARYLAND 20705

EXHIBIT C

OBJECTIVE DESCRIPTION OF VARIETY

	ITICUM SPP.)
HATTEDTTY OF CEODETA DECEARCH FOUNDAMENT TO	FOR OFFICIAL USE ONLY
UNIVERITY OF GEORGIA RESEARCH FOUNDATION, I	NC. PYPO NUMBER 9800040
BOYD GRADUATE STUDIES RESEARCH CENTER, 6th	FLOOR VARIETY NAME OR TEMPORARY
D.W. BROOKS DRIVE	DESIGNATION
ATHENS, GA 30602-7411	FLEMING
Place the appropriate number that describes the varietal characte Place a zero in first box (c-s- 0 8 9 or 0 9) when number	r of this variety in the boxes below. is either 99 or less or 9 or less.
I, KIND:	
1 1 = CONMON 2 = DURUM 3 = EMMER 4 = SPELT 5	= POLISH 6 = POULARD 7 = CLUB
2. TYPE,	
2 1 = SPRING 2 = WINTER 3 = OTHER (Specify)	1 = SOFT 3 = OTHER (Specify) 2 = HARD
2 1 = WHITE 2 = RED 3 = OTHER (Specify)	• · · · · · · · · · · · · · · · · · · ·
1. SEASON - HUMBER OF DAYS FROM EMERGENCE TO:	
1 2 9 FIRST FLOWERING	1 3 4 LAST FLOWERING
4. MATURITY (50% Flowering):	
0 2 HO. OF DAYS EARLIER THAN	. 7 1 = ARTHUR 2 = SCOUT 3 = CHRIS
HO, OF DAYS LATER THAN	A = LEMHI 5 = NUGAINES 6 = LEEDS 7 = Morey
S. PLANT HEIGHT (From soil level to top of head):	
0 8 5 CM. HIGH	
5 CM. TALLER THAN	
	1 = ARTHUR 2 = SCOUT 3 = CHRIS
0 5 CM. SHORTER THAN	4=LENHI 5=NUGAINES 6=LEEDS 7 = More
& PLANT COLOR AT BOOTING (See reverse):	7. ANTHER COLOR:
2 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN	1 1=YELLOW 2 PURPLE
8. STEM	
1 Anthocyanin: 1 = ABSENT 2 = PRESENT	1 Vary bloom: 1 = ABSENT 2 = PRESENT
Hairiness of last intermode of rachis: 1 = ABSENT 2 = PRESENT	1 Internodes: 1 = HOLLOW 2 = SOLID
0 3 NO. OF NODES (Originating from node above ground)	T 7 CM INTERHODE LENGTH BETWEEN FLAG LEAF
9. AURICLES:	
1 Anthocyania: 1 = ABSENT 2 = PRESENT	Hairiness: 1 = ABSENT 2 = PRESENT
IO. LEAF:	
Flag leaf at 1 = ERECT 2 = RECURVED booting stage: 3 = OTHER (Specify):	1 Flag leaf: 1 = NOT TWISTED 2 = TWISTED
1 Hairs of first leaf sheath: = ABSENT 2 = PRESENT	1 Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT
1 4 MK. LEAF WIDTH (First loaf bolow flag load)	2 2 CM. LEAF LENGTH (First leaf below flee leaf):

11. HEAD: Density: l = LAX	2 = OENSE 3 = Middense	Shape: 1 = TAPER	NG Z = STRAP 3 = CLAVATE (Specify) Oblong
	•	= AWNLETED 4 = AWNE)
Color at materity: 5 =	:WHITE 2=YELLOW 3=PINK 4: :BROWN 6=BLACK 7=OTHE	= RED R (Specily):	
0 8 CM. LENGTH		1 0 MM. WIDTH	9800040
12. GLUMES AT MATURIT	Y:		
2 Length: 1 = SHORT (2 Width: I = NARROW	The state of the s
3 = LONG (C	.A. y mm.)	3 = WIDE (C.	A. · · · · (mm.)
Cl. 12 - En maniero	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		tan di kacamatan di Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Band Kabupatèn Bandaran B
1 72 1	NG 2 = OBLIQUE 3 = ROUNDED E 5 = ELEVATED 6 = APICULATE	3 Besk: 1 = OBTUSE	2 = ACUTE 3 = ACUMINATE
13. COLEOPTILE COLOR:	With the second	I4. SEEDLING ANTHOCY	ANIN:
		<u> </u>	= PRESENT
I = WHITE 2 = RE	D 3 = PURPLE	1 = ABSEN 2	- FRESENT
15. JUVENILE PLANT GRO	OWTH HABIT:		
2 1 = PROSTRATE	2 = SEMI-ERECT 3 = EREC	;T	
16. SEED:			
Share I - OWATE	2 = OVAL 3 = ELLIPTICAL	Check: = ROUND	ED 2 = ANGULAR
1 Shape: 1.00x12	A POWNE OF ELEMENTS		
1 Bresh. 1 = SHORT	2 = MEDIUM 3 = LONG	1 Brush: I = NOT CO	DLLARED 2 = COLLARED
(See instructions):	1 = IVORY 2 = FAWN 3 = LT. BROW! 4 = BROWN 5 = BLACK		
3 Color: 1 = WHITE	2 = AMBER 3 = RED 4 = PURPLE	S = OTHER (Specify)	
0 6 MM. LENGTH	0 3 MM. WIDTH	3 9 GM. PER 1000	SEEOS
17. SEED CREASE:			
1 1 1	ESS OF KERNEL WINOKA	12 1	LESS OF KERNEL SCOUT
'	SS OF KERNEL CHRIS	Z = 351 OH	LESS OF KERNEL CERRIS
	S WIDE AS KERNEL 'LEMHI' ed, 1 = Susceptible, 2 = Resistant)		
STEM RUST TPMK,	LEAF RUST PIMQ,	STRIPE RUST	
2 (Races) QFCQ, RRE	Q Z (Racea) MC.IL, TLGG	(Reces)	0 LOOSE SMUT
2 POWDERY MILDEW	MBRL BUNT MARK	1 OTHER (Specify) LE	eaf rust (races), BBQ, SBJB, CBTB
	d, 1 = Susceptible, 2 = Restatont)		
0 SAWFLY	APHID (Bydv.)	O GREEN BUG	O CEREAL LEAF BEETLE
	1		
OTHER (Specily)	HESSIAN FLY	0 GP 0 A	2 s 1 c
	RACES:	1 ° 2 E	0 F
20. INDICATE WHICH VARIE	TY MOST CLOSELY RESEMBLES THAT S	UBMITTED:	
CHARACTER	HAME OF VARIETY	CHARACTER	HAME OF VARIETY
Plant tillering	Morey	Seed size	Morey
Leal size	Morey	Seed shape	Morey
Leaf color	Morey	Coleoptile elongation	
- Leaf carriage	Morey	Seedling pigmentation	e strong district the second

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (2) L.W. Briggle and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.
- (b) W.E. Walls: 1965. A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

Exhibit D

Additional Description of Fleming

Fleming is a common soft red winter wheat, <u>Triticum aestivum</u> L., bred by the University of Georgia, Georgia Agricultural Experiment Stations and developed jointly by Jerry W. Johnson and Ron D. Barnett with the University of Florida, Florida Agricultural Experimental Station.

Fleming is early maturing and short in height at maturity. It has excellent resistance to leaf rust, stem rust and powdery mildew. Additional information is presented in Tables 1-9. attached to this Exhibit.

Table 1. Average performance of GA 90078 and check cultivars over 4 years (1993-1996) in the Coastal Plain region of Georgia.

Entry	Tifton	Plains	Midville	Average	
GA 90078 Andy Stuckey Morey	43.3 33.8 45.6 39.4	53.6 53.2 55.3 54.1	63.6 66.1 61.7 60.3	53:5a* 51.0a 54.2a 51.3a	

^{*} Means followed by the same letter are not significantly different at the 10% level.

Table 2. Average performance of GA 90078 and check cultivars over 4 years (1993-1996).

Entry	Test Wt. 1bs/bu	Lodging %	Date Headed	Height in	
GA 90078	56.7a*	12	4/02	35	
Andy	54.3b	11	4/02	37	
Stuckey Morey	53.9b 53.5b	27 13	4/05 4/04	34 37	

^{*} Means followed by the same letter are not significantly different at the 10% level.

Table 3. Average performance of GA 90078 and check cultivars over 4 years (1993-1996).

	lasf	Davidani	Handan		
Entry	Leaf Rust %	Powdery Mildew %	Hessian Fly %	BYD %	
GA 90078	5c*	0b	5	4b	
Andy Stuckey Morey	52a 24b 1c	4 5a 1b 3b	0 2	8b 24a 7b	

^{*} Means followed by the same letter are not significantly different at the 10% level.

Table 4. Average yield performance of GA 90078 and check cultivars at three Coastal Plains locations, 1995.

			Location		
Entry	Tifton	Plains	Midville	Average	
GA 90078 Andy Stuckey Morey	45.6a* 36.5b 44.7a 41.5ab	61.3a 51.9c 51.9c 59.1b	70.2a 72.3a 63.8b 70.2a	59.0a 53.6b 53.5b 56.9ab	

^{*} Means followed by the same letter are not significantly different at the 10% level.

Table 5. Average performance of GA 90078 and check cultivars in Coastal Plains, 1995.

Entry	Test Wt.	Lodging	Date	Powdery	Leaf
	1bs/bu	%	Headed	mildew %	rust %
GA 90078	55.6a*	08	3/25	00b	01b
Andy	54.5a	12	3/23	45a	55a
Stuckey	52.4b	28	3/30	01b	38a
Morey	52.2b	17	3/27	03b	01a

^{*} Means followed by the same letter are not significantly different at the 10% level.

Average yield performance of GA 90078 and check cultivars at five locations, 1996. Table 6.

Entry	Tifton	Plains	Location Midville	Griffin	Calhoun	Average+
GA 90078 Andy Stuckey Morey	27.5c* 16.8d 55.0a 26.7c	40.5c 48.2b 55.8a 44.8b	64.6a 60.2bc 66.3a 58.3c	65.8b 59.8b 73.6a	39.6b 36.3b 58.1a	44.2ab 41.7b 59.0a 43.3ab

⁺ Average in the Coastal Plains
* Means followed by the same letter are not significantly different at the 10% level.

Table 7. Average performance of GA 90078 and check cultivars in Coastal Plains, 1996.

Entry	Test Wt. 1bs/bu	Lodging %	Date Headed	Height in	
GA 90078	55.1a*	21	4/06	34	
Andy	51.4b	10	4/07	36	
Stuckey	52.3b	29	4/11	35	
Morey	51.3b	12	4/10	37	

^{*} Means followed by the same letter are not significantly different at the 10% level.

Table 8. Average performance of GA 90078 and check cultivar in Elite Nurser 1992.

Entry	Yield bu/A	Test Wt. 1bs/bu	Date Headed	Powdery Mildew %	Leaf Rust %	
GA 90078	105.4	61.8	4/05	00	00	
Andy	101.1	58.6	4/06	01	40	

Table 9. Average performance of GA 90078-I and three cultivars in the Uniform Southern Wheat Nursery (15 locations in 1996).

Entry	Grain	Test Wt.	Date	Powdery
	Yield (Bu/A)	(Lbs/Bu)	Headed	Mildew
GA 90078-I	61.2b*	57.8a	122	0a
FL 302	62.2b	56.1c	128	4b
Coker 9835	71.5a	56.4bc	126	3b
Pioneer 2643	70.5a	57.6ab	124	3b

^{*.}See Table 1.

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1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME	
University of Georgia Research Foundation (UGARF) and University of Florida Agricultural Experiment Station (UFAES)	GA 90078-1	Fleming	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)	
630 Boyd Graduate Studies Research Center, 6th Flr D.W. Brooks Drive Athens, GA 30602-7411	(706) 542-6512 7. PVPO NUMBER	(706) 542-5901 \$\$00040	
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate bl	ock. If no, please explain.	Y YES NO	
Fleming is jointly ownedUniversity of Georgia Re	search Foundation, I		
University of Florida Agricultural Experiment Stat	ion (UFAES)		
9. Is the applicant (individual or company) a U.S. national or U.S. based company if no, give name of country		YES NO	
10. Is the applicant the original breeder? If no, please answer the following:		YES X NO	
 a. If original rights to variety were owned by individual(s): ls (are) the original breeder(s) a U.S. national(s)? If no, give name of co 	ountry	· 	
b. If original rights to variety were owned by a company; Is the original breeder(s) U.S. based company? If no, give name of cou		X YES NO	
11. Additional explantion on ownership (If needed, use reverse for extra space):			
see reverse			
PLEASE NOTE:			
Plant variety protection can be afforded only to owners (not licensees) who meet or	ne of the following criteria:		
If the rights to the variety are owned by the original breeder, that person must lof a country which affords similar protection to nationals of the U.S. for the same		UPOV member country, or national	
 If the rights to the variety are owned by the company which employed the origin nationals of a UPOV member country, or owned by nationals of a country which genus and species. 			
3. If the applicant is an owner who is not the original breeder, both the original bre	eder and the applicant must me	et one of the above criteria.	
The original breeder may be the individual or company who directed final breedidefinition.	ing. See Section 41(a)(2) of the	ne Plant Variety Protection Act for	
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